

Claims

1. A transmission screen having a writable and erasable surface for one side.

2. The transmission screen according to claim 1, wherein the writable and erasable surface has a specular gloss (JIS K5600-4-7:1999) of 70 to 135%.

3. The transmission screen according to claim 1 or 2, wherein the writable and erasable surface is formed with a resin layer containing an ionizing radiation curable resin and a matting agent.

4. The transmission screen according to any one of claims 1 to 3, wherein the transmission screen has a haze (JIS K7136:2000) of 80% or more, and the surface opposite to the writable and erasable surface has a specular gloss (JIS K5600-4-7:1999) of 10% or less.

5. The transmission screen according to any one of claims 1 to 4, which has a light diffusing layer comprising a binder component and light diffusing particles on the side opposite to the writable and erasable surface side.

6. A transmission screen having a light incident surface from which a light projected from a projector enters and a light emitting surface on the side opposite to the light incident surface side and forming an image from the light projected from the projector, wherein the light incident surface has a specular gloss (JIS K5600-4-7:1999) of 10% or less, the light emitting surface has a specular gloss (JIS K5600-4-7:1999) of 70 to 135%, and the screen as a whole has a haze (JIS K7136:2000) of 80% or more.

7. The transmission screen according to claim 6, wherein the transmission screen has a resin layer comprising an ionizing radiation curable resin and a matting agent as an outermost layer, and the surface of the

resin layer constitutes the light emitting surface.

8. The transmission screen according to claim 6 or 7, which has a light diffusing layer comprising a binder component and light diffusing particles between the light incident surface and the light emitting surface.

9. The transmission screen according to any one of claims 6 to 8, wherein writing with a marker for white boards and erasing are possible on the light emitting surface.

10. A transmission screen comprising a substrate having a light diffusing property wherein a light from a projector is projected to one surface of the substrate to form an image, and the projected image can be observed from another surface of the substrate, which is provided on the other surface with a writable layer on which writing with a marker for white boards and erasing are possible.

11. The transmission screen according to claim 10, wherein the surface of the writable layer has a specular gloss (JIS K5600-4-7:1999) of 70 to 135%.

12. The transmission screen according to claim 10 or 11, wherein the writable layer consists of a resin layer comprising an ionizing radiation curable resin and a matting agent.

13. The transmission screen according to any one of claims 10 to 12, wherein the transmission screen has a haze (JIS K7136:2000) of 80% or more, and the surface opposite to the writable layer has a specular gloss (JIS K5600-4-7:1999) of 10% or less.

14. A rear projection monitor comprising a projector for projecting a displayed image displayed on an image display unit, a reflection mirror for reflecting a light projected from the projector and a transmission screen having a light incident surface and a light emitting

surface and receiving a reflected light from the reflection mirror with the light incident surface to form an image, wherein said transmission screen is a transmission screen according to any one of claims 1 to 13.